

CHUANQI SUN

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EDUCATION

Xi'an Jiaotong University, Honors Science Program (Mathematics)

B.Sc. in Mathematics

Xi'an, China

Sep. 2023 – Jul 2027 (expected)

- **GPA:** 4.10/4.30 | 94.56/100

- **Rank:** 1/31

- **Research Interest:** Probability Theory, Statistics

- **Programming:** C++, Matlab, Python, R, LaTeX

- **Relevant Coursework:** Advanced Algebra and Analytic Geometry I-1 (100), Mathematical Analysis I-3 (100), Functions of a Complex variable (100), Functional Analysis (100), Elementary Number Theory (99), Mathematical Analysis I-2 (99), Abstract Algebra I (99), Ordinary Differential Equations (99), Probability (99)

University of California, Berkeley

Berkeley Global Access Visiting Student Programs

Berkeley, CA

Jan. 2026 – May 2026(expected)

Xi'an Jiaotong University, Honors Youth Program

Preparatory Program

Xi'an, China

Sep. 2021 – Jun 2023

- **GPA:** ? | ?

- **Rank:** 11/19?

RESEARCH EXPERIENCE

Random Derivative Free Optimization

Mentor: Postdoc. Pengcheng Xie @ Lawrence Berkeley National Laboratory

Berkeley, CA

Jan. 2026 - present

Summer school of Algebra and Number Theory, Peking University

Mentor: Prof. Xiao Liang @ Peking University

Beijing, China

Jul. 2025 - Aug. 2025

- Suffered from abstract nonsense

Basics of Strategic Limit Theory

Mentor: Prof. Xiaodong Yan @ Xi'an Jiaotong University

Xi'an, China

Jun. 2025 - Sep. 2025

- Reviewed literatures on Strategic Limit Theory

- Composed a reading report about the application of Strategic Limit Theory in optimization problems

AI for Mathematics, Great Bay University

Mentor: Prof. Zaiwen Wen @ Peking University

Dongguan, China

Jan. 2025

- Learned the fundamental operations of formal theorem proving

- Successfully formalized the proof of a theorem in Convex Optimization

HONORS & AWARDS

National Scholarship

Xi'an Jiaotong University

Nov. 2025

Xi'an, China

First-class Academic Scholarship

Xi'an Jiaotong University

Nov. 2024

Xi'an, China

Shing-Tung Yau College Student Mathematics Contest

Meritorious Award, Analysis and Differential Equations Track

May 2025

Xi'an, China

Chinese Undergraduate Mathematics Competition (CMC)

First Prize in National Finals (Non-Mathematics Category)

May 2023

Guangzhou, China